

Application No. 10/024,272

Filed: December 18, 2001

TC Art Unit: 1762

Confirmation No.: 4935

AMENDMENTS TO THE SPECIFICATION

Please amend the Abstract as follows:

~~Part of the flow of reactive gas admitted into the enclosure (10) is guided to the inside of the volume defined by a concave inside face of the or each hollow shaped substrate ( $S_1$ ,  $S_2$ ,  $S_3$ ) so that said concave inside face is swept in full by a fraction of the total admitted gas flow.~~

A porous substrate having a concave inside face and an outside face is disposed in an enclosure, and reactive gas is introduced into the enclosure to densify the substrate. At least a portion of the gas is divided into two non-zero fractions. The first fraction of the gas is fed to the inside face of the substrate. The second fraction of the gas is fed to only the outside face of the substrate. Alternatively, the first fraction of the gas is fed via a tooling extending into an inside volume defined by the concave inside face of the substrate.

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